What is claimed is:

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- 1. An illumination sensing apparatus for use in a mobile terminal, comprising:
- an image sensor for scanning an image with reference to each gain of Red, Green and Blue (RGB) to generate image data;
 - a control means for generating a light-emitting control signal or a light-emitting on/off signal with reference to the image data and the gain; and
- a light-emitting means for adjusting an illumination of an internal light-emitting device or turning on/off the light-emitting device according to the light-emitting control signal or the light-emitting on/off signal.
- 2. The illumination sensing apparatus as recited in claim 1, wherein the control means includes a main control unit for comparing the gain with a magnitude of a luminance component of the image data, and for generating the lightemitting control signal or the light-emitting on/off signal according to the comparative result.
 - 3. The illumination sensing apparatus as recited in claim 1, wherein the light-emitting control signal is a signal for adjusting brightness stepwise according to the gain and the magnitude of the luminance component of the image data.
 - 4. The illumination sensing apparatus as recited in

claim 1, wherein the light-emitting means includes:

a strobo light-emitting diode (LED) for performing a strobo on/off operation in a use of a camera module according to the light-emitting on/off signal; and

an LCD backlight for adjusting a backlight brightness according to the light-emitting control signal.

- 5. The illumination sensing apparatus as recited in claim 3, wherein the light-emitting means includes:
- a strobo light-emitting diode (LED) for performing the strobo on/off operation in a use of a camera module according to the light-emitting on/off signal; and

an LCD backlight for adjusting a backlight brightness according to the light-emitting control signal.

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- 6. An illumination sensing method in a mobile terminal, comprising the steps of:
 - a) activating a camera function of the mobile terminal;
- b) scanning an image with reference to each gain of RGB 20 to generate image data, thereby obtaining the image data and the gain;
 - c) comparing the gain with a magnitude of a luminance component of the image data; and
- d) adjusting a brightness of a light-emitting device
 25 according to the comparative result of the gain and the
 magnitude of the luminance component of the image data, and
 then returning to the step of activating the camera function

of the mobile terminal.

7. The illumination sensing method as recited in claim 6, wherein in the step d), a reference gain and a reference luminance component are set, and if the luminance component of the image data has a lower value than the reference luminance component while the gain has a higher value than the reference gain, a light-emitting control signal is generated for lightening the brightness of the light-emitting device.

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8. The illumination sensing method as recited in claim 6, wherein in the step d), the reference gain and the reference luminance component are set, and if the luminance component of the image data has a higher value than the reference luminance component while the gain has a lower value than the reference gain, a light-emitting control signal is generated for darkening the brightness of the light-emitting device.

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9. The illumination sensing method as recited in claim 6, wherein in the step d), the reference gain and the reference luminance component are set, and if the luminance component of the image data has the lower value than the reference luminance component while the gain has the higher value than the reference gain, a light-emitting on/off signal is generated for turning on the light-emitting device.

10. The illumination sensing method as recited in claim 6, wherein in the step d), the reference gain and the reference luminance component are set, and if the luminance component of the image data has the higher value than the reference luminance component while the gain has the lower value than the reference gain, a light-emitting on/off signal is generated for turning off the light-emitting device.